270412US0PCT

RM PTC-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE REV. 12-2004)

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

	COV	ICERNING A SUBMI	SSION UNDER 35 U.S.C. 371							
INTE	RNAT	IONAL APPLICATION NO. PCT/EP03/12804	INTERNATIONAL FILING DATE 17 November 2003	PRIORITY DATE CLAIMED 22 November 2002						
		NVENTION  S FOR PREPARING CAROT	ENOIDS							
		T(S) FOR DO/EO/US g ERNST, et al.								
Applio	cant h	erewith submits to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:						
1.	$\boxtimes$	This is a FIRST submission of	items concerning a submission under 35 U.S	S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.	$\boxtimes$	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.								
4.	$\boxtimes$	The US has been elected (Arti	cle 31).							
5.	$\boxtimes$	A copy of the International App	olication as filed (35 U.S.C. 371 (c)(2))							
		a.  is attached hereto (re	equired only if not communicated by the Inter	mational Bureau).						
		·	ated by the International Bureau.							
			e application was filed in the United States Re							
6.	$\boxtimes$		n of the International Application as filed (35	U.S.C. 371(c)(2)).						
		a. 🛛 is attached hereto.								
			submitted under 35 U.S.C. 154(d)(4).							
7.	$\boxtimes$		the International Application under PCT Article	· ·						
			required only if not communicated by the Inte	ernational Bureau).						
			· · · · · · · · · · · · · · · · · · ·							
		. 67	; however, the time limit for making such ame	endments has NOT expired.						
_			and will not be made.	T Adiata 40 (25 H S C 274/a)(2))						
8.	<b>№</b>		n of the amendments to the claims under PC	1 Article 19 (35 U.S.C. 37 1(c)(3)).						
9.	Ø		eventor(s) (35 U.S.C. 371 (c)(4)).	any Evamination Penort under PCT						
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).								
11.		A copy of the International Pre	liminary Examination Report (PCT/IPEA/409)	).						
12.	$\boxtimes$	A copy of the International Sea	arch Report (PCT/ISA/210).							
Ito	ems 1	3 to 23 below concern docum	ent(s) or information included:							
13.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
15.	$\boxtimes$	A FIRST preliminary amendment.								
16.		A SECOND or SUBSEQUENT preliminary amendment.								
17.		A substitute specification.								
18.	$\boxtimes$	A power of attorney and/or change of address letter.								
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.								
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).								
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).								
22.		Express Mail Label No.								
23.	2	Other items or information:								

Application Data Sheet/Notice of Priority/PTO-1449/Cited References (1)

JCOS Rec'd PCT/PTO 22 APR 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATIO	N NO (if known, see	ATTORNEY'S DOCKET NUMBER							
1 1 (	1/5322	270412US0PCT							
24. The following	fees are submitte	Applicant use	Office use						
🖾 a) Basic nat	tional fee	\$ \$300.00							
🗵 b) Examina	tion fee	\$ \$200.00							
🛛 c) Search fe	ee	\$500.00	\$ \$400.00						
тот	AL OF ABOVE	CALCU	LATIONS =		\$1000.00	\$ \$900.00			
Additional fe sequence lis \$250 for each	e for specification ting or computer p h additional 50 sho								
Total Sheets									
- 100 =	/50 =				× \$250.00	\$ \$0.00			
	0.00 for furnishing oriority date (37 Cl	\$							
CLAIMS	NUMBER F	ILED	NUMBER EXTRA		RATE				
Total claims	7	- 20 =	0	x	\$50.00	\$ \$0.00			
Independent clair	ns l	- 3=	0	x	\$200.00	\$ \$0.00			
MULTIPLE DEPE	ENDENT CLAIMS	(if applicab	ole)	+	\$360.00	\$ \$0.00			
			TAL OF ABOVE CA			\$ \$900.00			
Applicant cla reduced by ?		tatus. See	37 CFR 1.27. The fees in	ndica	ted above are	\$ \$0.00			
					UBTOTAL =	\$ \$900.00			
Processing fee of the earliest claim	f \$130.00 for furnised priority date (3)	hing the E 7 CFR 1.49	nglish translation later th 92(f)).	an 30	) months from	\$ \$0.00			
		_		ATI	ONAL FEE =	\$ \$900.00			
Fee for recording accompanied by	the enclosed assi an appropriate cov	\$ \$0.00							
			TOTAL FEE	SE	NCLOSED =	\$ \$900.00			
			Amou	nt to	be refunded:		\$		
			Amou	ınt t	o be charged:		\$		
a.	in the amount of \$		to cover the a	bove	fees is enclosed.				
	charge my Deposit ate copy of this sh		lo i	n the	amount of	to cove	er the above fees.		
c.  The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed.									
d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
	<del>-</del> -	RE							
					Norman F.	. Oblon			
CUSTOMER N	UMBER	orwin P. Umbach, Ph.D.							
22850		Registration No. 40,211							
		ATION NUMBER							

## 10/532207

-Docket No. 270412US0PCT

IN RE APPLICATION OF: Hansgeorg ERNST, et al.

JC06 Rec'd PCT/PTO 22"APR 2005

SERIAL NO: New U.S. PCT Application based on PCT/EP03/12804

FILED:

Herewith

FOR:

PROCESS FOR PRODUCING CAROTENOIDS

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

## SIR:

Transmitted herewith is an amendment in the above-identified application.

- No additional fee is required
- ☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith: Credit Card Payment Form for \$900.00/PCT Transmittal Letter/Application Data Sheet

Preliminary Amendment (with cover sheet)/Notice of Priority
English Translation of Specification/Declaration/Information Disclosure Statement

PTO-1449/Cited References (1)/International Search Report

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE	·	CALCULATIONS
TOTAL	7	MINUS	20	0	х	\$50	=	\$0.00
INDEPENDENT	DEPENDENT 1 MINUS		3	0	х	\$200	=	\$0.00
	E DEPENDENT	**CLAIMS + \$360 =			=	\$0.00		
TOTAL OF ABOVE CALCULATIONS						\$0.00		
☐ Reduction by 50% for filing by Small Entity							\$0.00	
	☐ Recordation of Assignment + \$40 =						\$0.00	
		TOTAL						\$0.00

Ш	Α	check	in	the	amount	of	\$0.00 <sub>1</sub>	s attach	ied.
---	---	-------	----	-----	--------	----	---------------------	----------	------

- ☐ Credit card payment form is attached to cover the fees in the amount of **\$0.00**
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Norman F. Oblon

Registration No. 24,618

Corwin P. Umbach, Ph.D. Registration No. 40,211

Surinder Sachar

Registration No. 34,423

Customer Number

22850

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)